



NAVY PERSPECTIVE ON MODELING & SIMULATION

DMSO Industry Days '99

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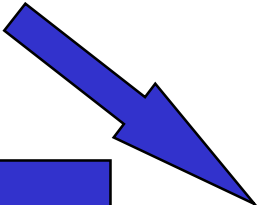
Navy's New Directions

Roadmaps

- **Joint Vision 2010**
- **Forward...From the Sea**
- **Operational Maneuver
From the Sea**

“...carry out swiftly and effectively any naval, joint or coalition mission and to prevail decisively over any foe...”

1997 Forward From the Sea



“The explosion of new technologies has transformed the way militaries conduct warfare. Capabilities available today were not considered possible a mere decade ago.”

1998 DON Posture Statement

Technology Initiatives

- **Network Centric Warfare**
- **Information Technology-21**
- **Navy-Wide Intranet**
- **Fleet Battle Experiments**

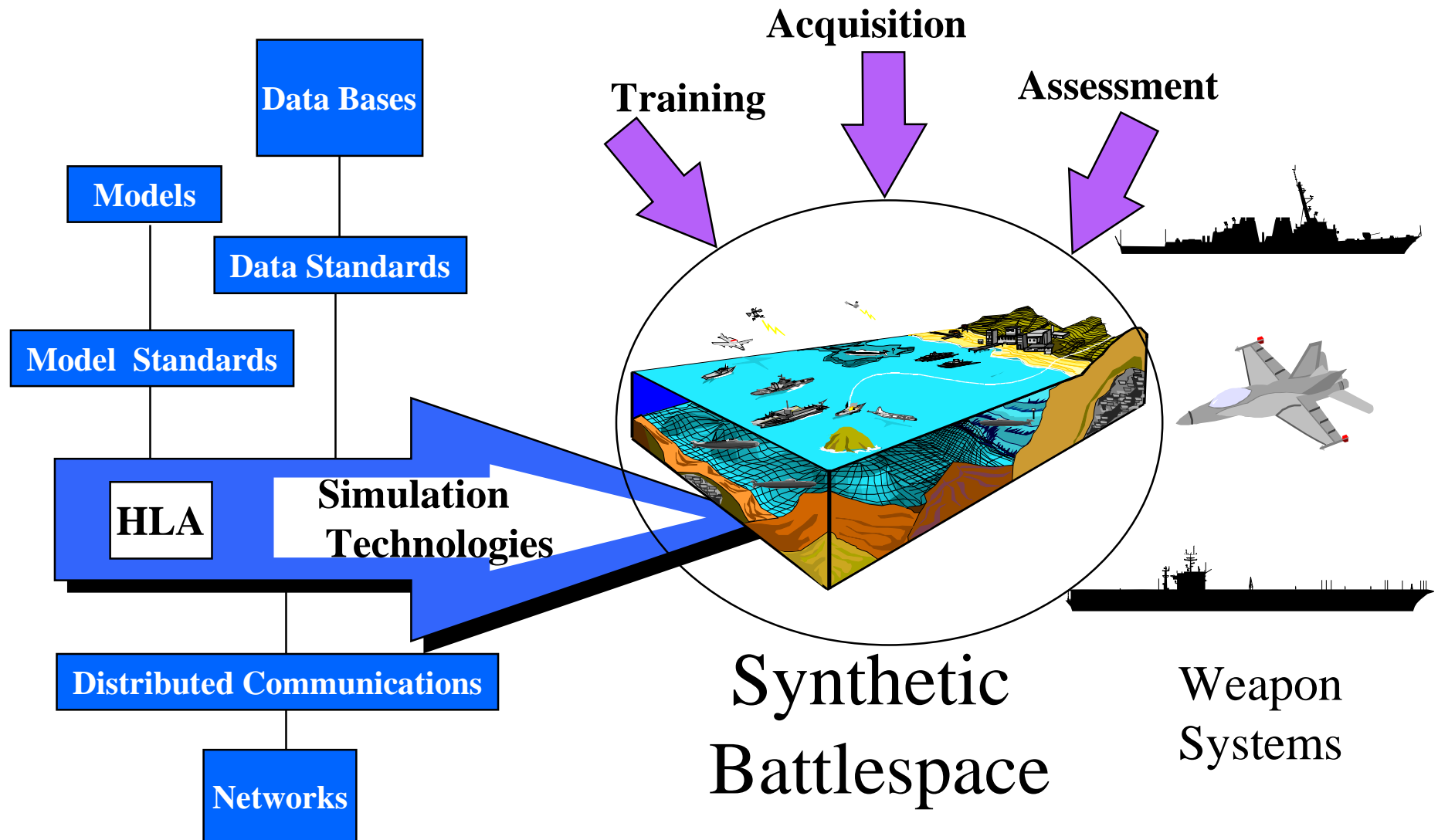
Navy's M&S Vision

- Support the twenty-first century warfighter to meet current and emerging operational requirements in a timely and efficient manner.

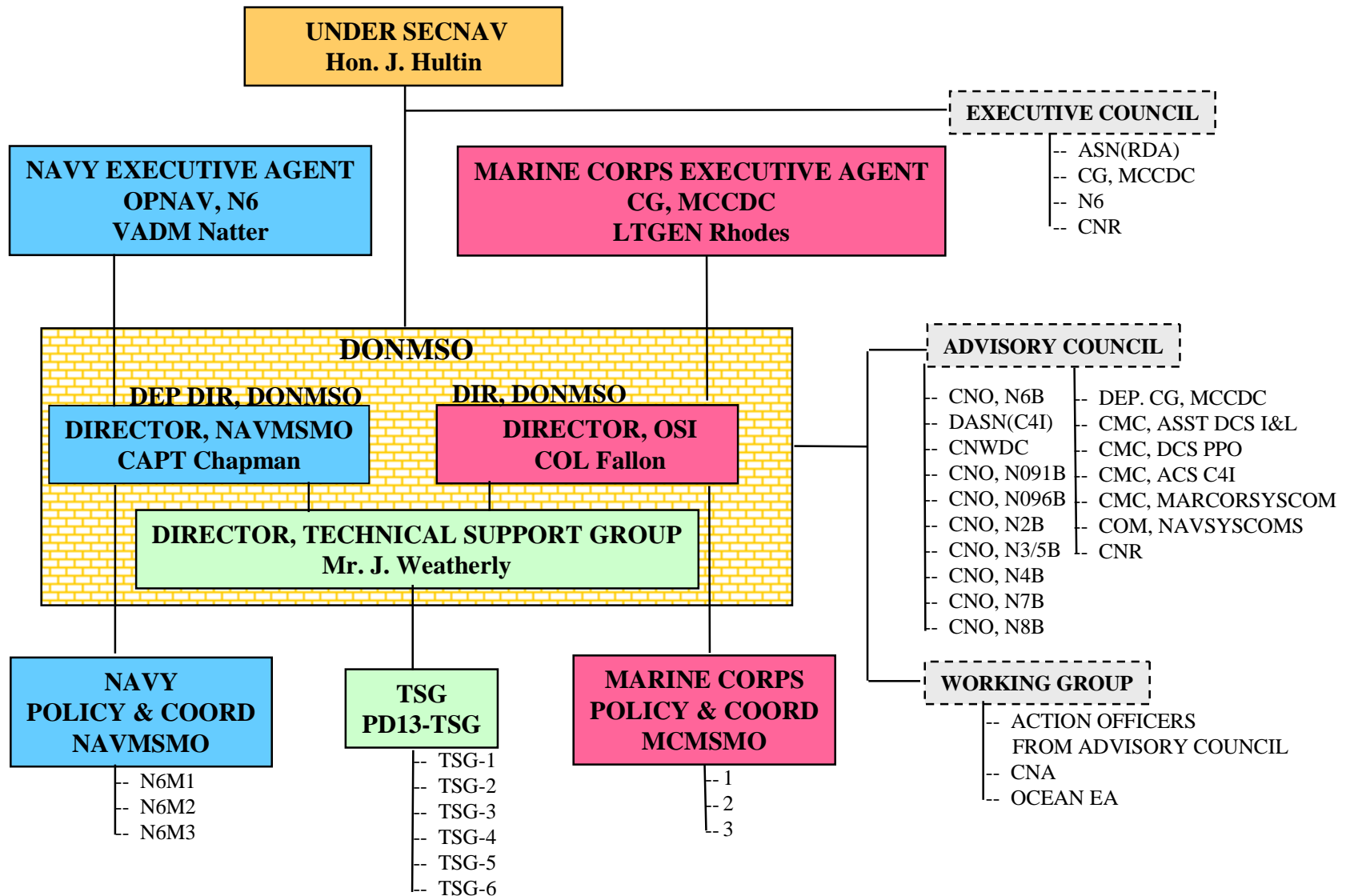


- Interface to the warfighter's real go-to-war systems so that the view in the simulation world mirrors that of the real world.

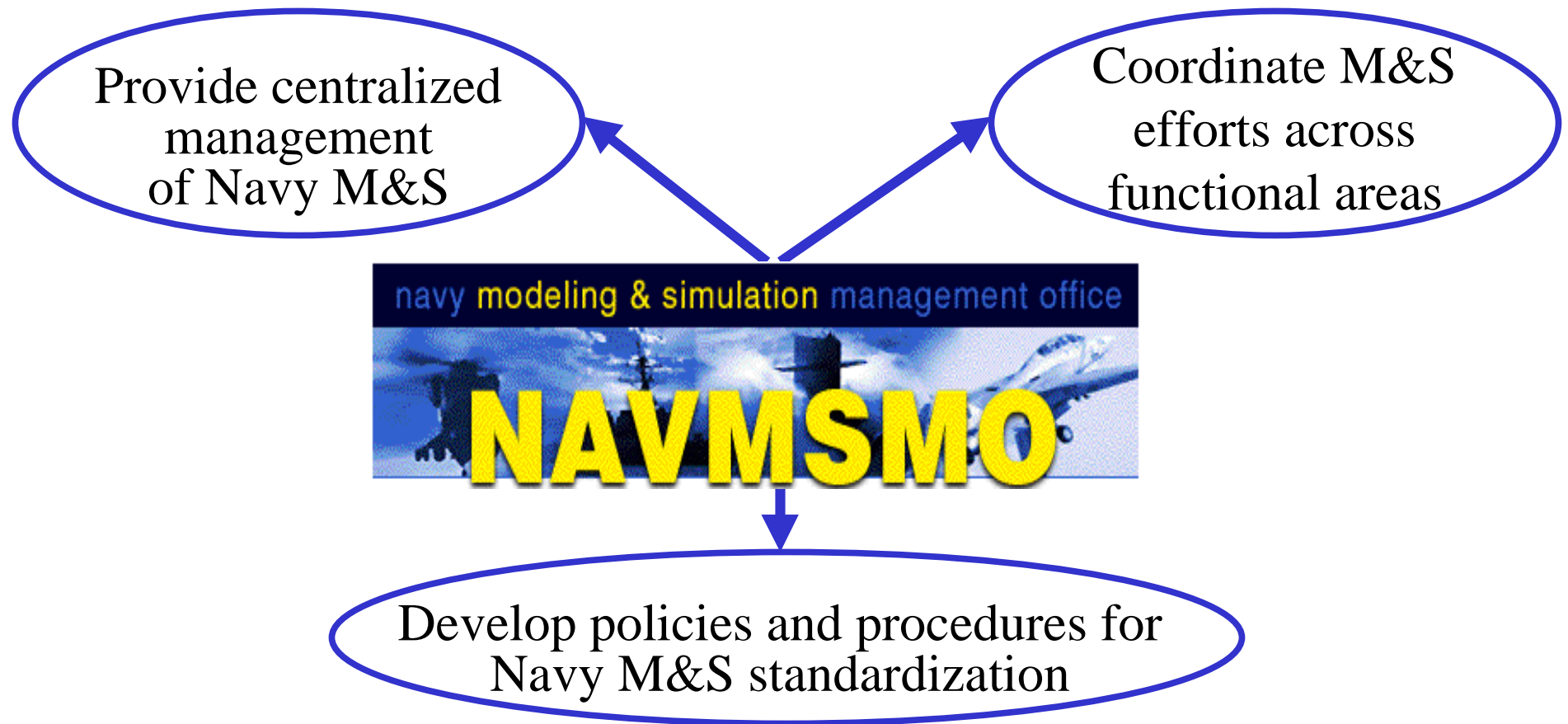
Building the M&S Environment



DON M&S Organization




NAVMSMO Role



Break the Stovepipe Management of Corporate Navy M&S

NAVMSMO Home Page

<http://navmsmo.hq.navy.mil/>




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navy modeling & simulation management office



NAVMSMO

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resource library 

Links to M&S publications, forums, briefings, journals, Internet sites, databases, and images.

about NAVMSMO 

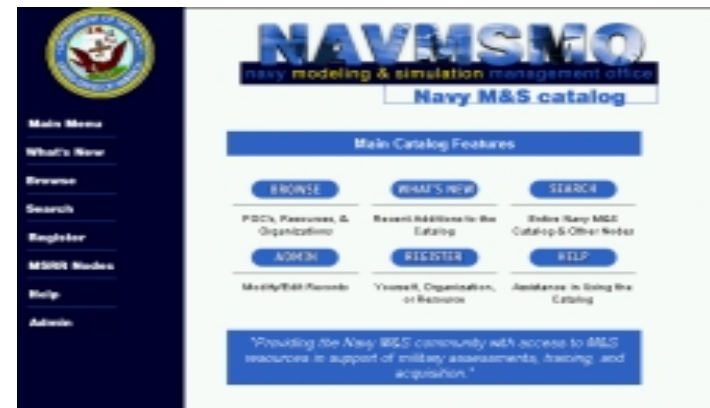
Our mission, goals, and objectives.

your internet resource for Navy M&S information

NMSIS

Navy Modeling and Simulation Information System

- The Navy MSRR - Modeling and Simulation Resource Repository
- Provides a centralized, single point of contact for the Navy M&S community
 - users
 - managers
 - workgroups
 - developers
- Fosters the reusability and interoperability of Navy M&S



See NMSIS On Display Today

VV&A

- SECNAV Instruction 5200.40 for VV&A
signed 19 April 1999

**Ensure Accurate Representations of
Naval Systems and the Natural Environment**

NAVMSMO Current Interests

- Return on Investment (ROI): M&S support to the fleet
- Authoritative representation of the ocean environment and of Navy systems
- Y2K compatibility
- HLA compatibility
- VV&A
- M&S standards and federations
- Interoperability



Summary

- Are we making M&S relevant to the Fleet?
- What policies would help industry advance M&S development?
- Challenges to my office:
 - Does M&S provide a measurable ROI?
 - Is M&S overly resourced?
- Industry can help!

